

Abstract

5 A pressure sensor including: A pressure measuring cell having an end
face loadable with the medium; a housing 20 having a media opening
21 and a ring-shaped, axial bearing surface 22, which surrounds the
media opening 21; a clamping apparatus 23; and a ring-shaped sealing
arrangement 30; wherein the pressure measuring cell is positioned in
10 the housing and the sealing arrangement is positioned between the
bearing surface and the end face, and the sealing arrangement 30, as
well as the pressure measuring cell, are axially clamped between the
bearing surface 22 and the clamping apparatus. The sealing
arrangement 30 includes, according to the invention, a decoupling ring,
as well as a first 31 and a second 32, ring-shaped sealing element,
15 wherein the first sealing element lies against the end face, the second
sealing element lies against the bearing surface, and the decoupling
ring is axially clamped between the first and the second sealing
elements.

20 (Fig. 1)